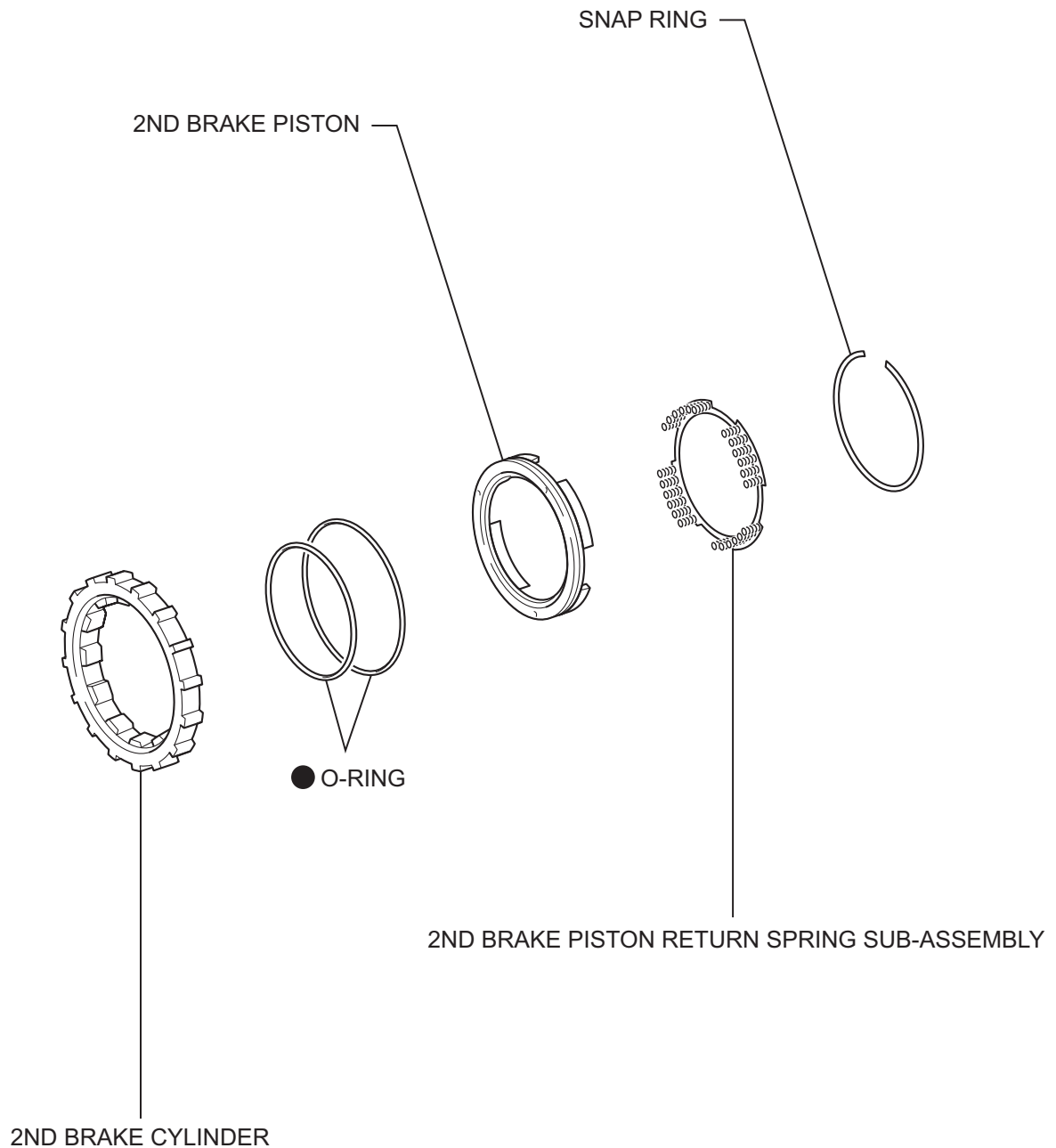


# SECOND BRAKE PISTON COMPONENTS



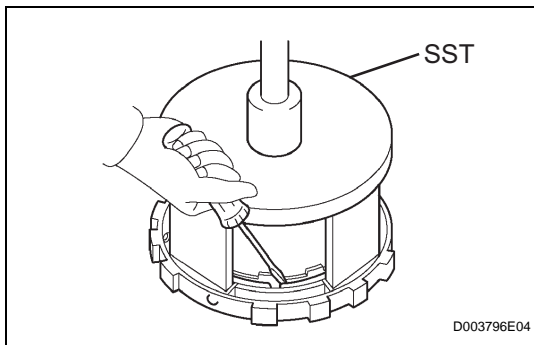
● Non-reusable part

N

C127442E03

AX

AX



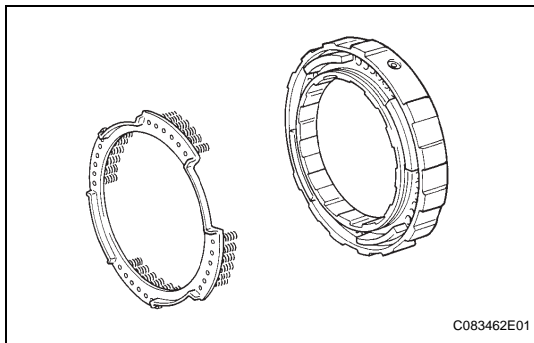
## DISASSEMBLY

### 1. REMOVE 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY

- Place SST on the return spring and compress.  
**SST 09387-00060**
- Using a screwdriver, pry out the snap ring.

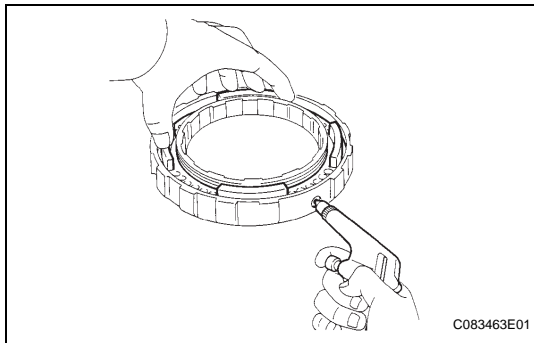
- Remove the piston return spring.

### 2. INSPECT 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY (See page [AX-224](#))



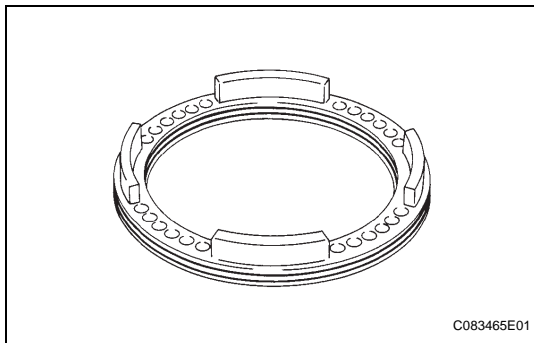
### 3. REMOVE 2ND BRAKE PISTON

- Hold the 2nd brake piston and apply compressed air (392 kPa, 4.0 kgf/cm<sup>2</sup>, 57 psi) to the 2nd brake cylinder to remove the 2nd brake piston.



### 4. REMOVE 2ND BRAKE PISTON O-RING

- Remove the 2 O-rings from the 2nd brake piston.

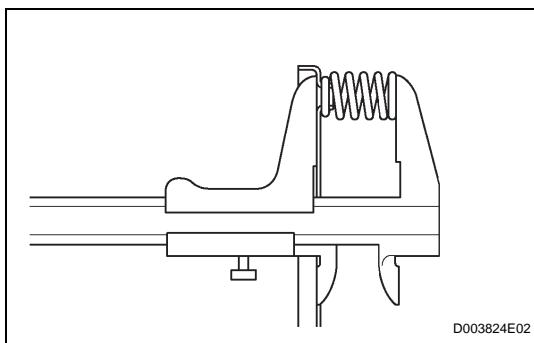


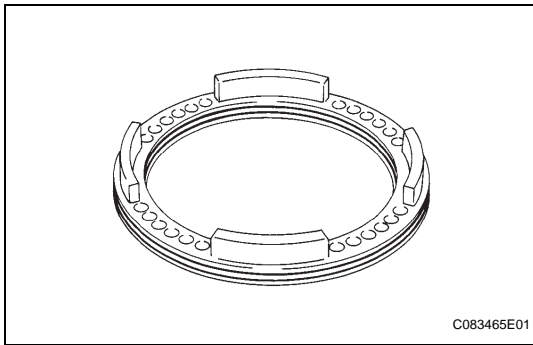
## INSPECTION

### 1. INSPECT 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY

- Using a vernier caliper, measure the free length of the spring together with the spring seat.

**Standard free length:**  
**16.61 mm (0.6539 in.)**

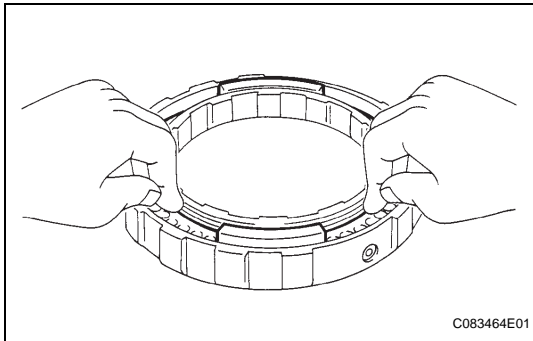




## REASSEMBLY

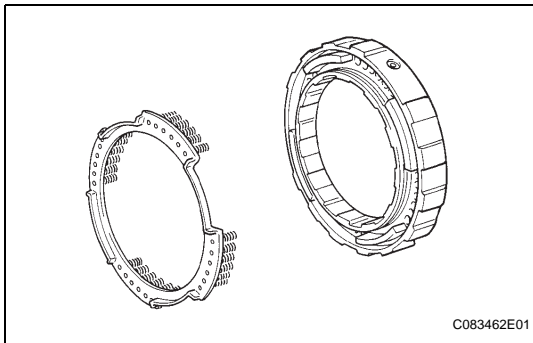
### 1. INSTALL 2ND BRAKE PISTON O-RING

- (a) Coat 2 new O-rings with ATF and install them into the 2nd brake piston.



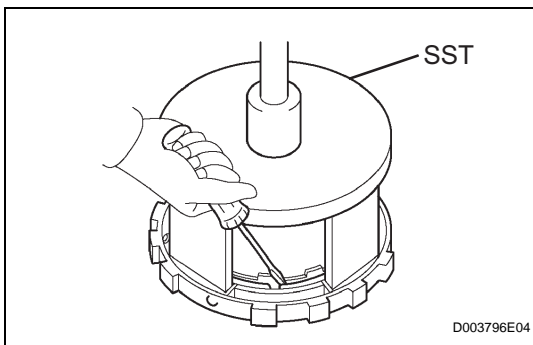
### 2. INSTALL 2ND BRAKE PISTON

- (a) Press in the 2nd brake piston into the 2nd brake cylinder with your hands.



### 3. INSTALL 2ND BRAKE PISTON RETURN SPRING SUB-ASSEMBLY

- (a) Install the piston return spring.



- (b) Place SST on the piston return spring, and compress the piston return spring with a press.  
**SST 09387-00060**

- (c) Using a screwdriver, install the snap ring.

#### **NOTICE:**

**Be sure the end gap of the snap ring is not aligned with the piston return spring claw.**